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Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

Ricoh Company, Ltd.

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

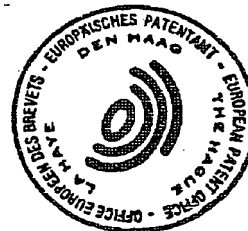
☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

NONE

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 12 6106

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 3 736 134 A (D W GOSSELINK) 29 May 1973 (1973-05-29) * column 3, line 66 - column 4, line 57; claims 1-17; examples 15-38 *	1-4,6,7, 9,10,18, 26,30,32	G03G5/05 G03G5/147
X	DATABASE WPI Section Ch, Week 199241 Derwent Publications Ltd., London, GB; Class A04, AN 1992-336267 XP002189126 & JP 04 240656 A (MATSUSHITA), 27 August 1992 (1992-08-27) * abstract *	1-7,9, 13,26, 30,32	
X	US 4 820 620 A (D J CAROLLA) 11 April 1989 (1989-04-11) * column 3, line 33 - column 4, line 14; claims 1,2 * * column 5, line 41 - line 52; examples 3-7,12-24 *	1,2,4,6, 7,9,10, 26,30,32	
X	EP 0 655 654 A (FUJI ELECTRONIC) 31 May 1995 (1995-05-31) * page 4, line 17 - page 5, line 39; claims 1,2,4-7,9; figure 1 *	1-7,9, 10,19, 20,22, 23,30,32	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7) G03G
Place of search THE HAGUE		Date of completion of the search 4 February 2002	Examiner Vanhecke, H
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 12 6106

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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04-02-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 3736134 A	29-05-1973	AT 318390 B	10-10-1974
		AU 3450971 A	19-04-1973
		CA 944205 A1	26-03-1974
		CH 586409 A5	31-03-1977
		DE 2151690 A1	20-04-1972
		FR 2111302 A5	02-06-1972
		GB 1344679 A	23-01-1974
		IT 944745 B	20-04-1973
		JP 51049213 B	25-12-1976
		NL 7113612 A ,B,	18-04-1972
		ZA 7106849 A	28-06-1972
JP 4240656 A	27-08-1992	NONE	
US 4820620 A	11-04-1989	NONE	
EP 655654 A	31-05-1995	JP 7146564 A	06-06-1995
		CA 2136396 A1	25-05-1995
		CN 1113015 A	06-12-1995
		EP 0655654 A1	31-05-1995
		US 5456989 A	10-10-1995